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इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके ।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

भाग III—खण्ड 2 PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 9th January 1982

APPLICATION FOR PATENTS FILED AT THE HEAD
OFFICE, 214, ACHARYA JAGADISH BOSE ROAD,
CALCUTTA-700 017

The dates shown in crescent brackets are the dates claimed
under Section 135 of the Act

3rd December 1981

- 1373/Cal/81. Indian Jute Industries' Research Association.
Shedding defect analyser.
- 1374/Cal/81. Indian Jute Industries' Research Association.
Improvements in or relating to vertical spindle
revolving cone type cop winder.
- 1375/Cal/81. D. I. Okun., I. I. Kaganovsky and V. I. Pono-
marev. Rolling stand.
- 1376/Cal/81. Midrex Corporation. Method and apparatus
for selective reduction of metallic oxides.
- 1377/Cal/81. Ecodyne Corporation. Cooling tower spray
nozzle.
- 1378/Cal/81. Chlorine Engineers Corp., Ltd. Method of by-
passing electric current of electrolytic cells.

4th December 1981

- 1379/Cal/81. Circle Machine Company, Inc. Rotary sprayers
for applying uniform coats to conveyor supported
work. (November 28, 1980 (April 7, 1981).
- 1380/Cal/81. Instytut Chemii Przemyslowej. Method for
manufacturing thermoplastic terpolymers of tri-
oxane with increased rigidity.
- 1381/Cal/81. Upravljenje PO Proektirovaniju Zhilishno-
Grazhdanskogo I Kommunalnogo Stroitelstva
"Mosproekt-I". Device for transporting panels of

sound-insulating walls for auditoriums of show
business structures.

- 1382/Cal/81. Deutsche Gold-Und Silber-Scheideanstalt Vor-
mals Roessler. Material for electric contacts.
- 1383/Cal/81. The Fertilizer (Planning & Development) India
Ltd. A process for the production of NP Ferti-
lizers.
- 1384/Cal/81. The Fertilizer (Planning & Development) India
Ltd. A process for preparing glassy sodium meta-
phosphate.
- 1385/Cal/81. B. Q. Quintana. Duct for channelling cables
and similar elements with incorporated means for
channelling them.
- 1386/Cal/81. Nagaoka Manaami Kabushiki Kaisha. Screen.
- 1387/Cal/81. Allied Tube & Conduit Corporation. Apparatus
for continuously electrostatically coating an elonga-
ted object.

5th December 1981

- 1388/Cal/81. Brown & Williamson Tobacco Corporation.
Improved cigarette filter.
- 1389/Cal/81. Linde Aktiengesellschaft. Recycle of hydro-
genated sulfur plant tail gas to sour gas scrub-
bing system.
- 1390/Cal/81. Trutzschler GMBH & Co. KG. Process and
device for the opening of several textile fibre
bales. [Addition to No. 728/Cal/79].

7th December 1981

- 1391/Cal/81. G. Renaud and Preciculture S.A. Threshing
machine for standing cereal crops.
- 1392/Cal/81. BASF Aktiengesellschaft. Preparation of chlo-
rinaetd phenoxyalkanoic acids.
- 1393/Cal/81. F. Durand. An improved coupling.
- 1394/Cal/81. Beloit Corporation. Press section for substan-
tially equally pressing both sides of paper web,
and method.

1395/Cal/81. D. N. Tverskoi and V. A. Lubinets, Automatic lathe for straight turning with gear hobbing.

8th December 1981

1396/Cal/81. Imperial Clevite Inc. Evaporization driven counterflow rinse system and method.

1397/Cal/81. Imperial Clevite Inc. Wear resistant insert for cast lightweighted pistons and method of casting.

1398/Cal/81. Imperial Clevite Inc. Method and apparatus for squeeze casting pistons with wear resistant inserts.

1399/Cal/81. The Fertilizer (Planning & Development) India Ltd. A process for the preparation of nitrophosphate fertilizer from rock phosphate.

1400/Cal/81. Hitachi Maxcell, Ltd. Cell.

1401/Cal/81. Cummins Engine Company, Inc. Bottom stop cylinder liner and engine assembly.

9th December 1981

1402/Cal/81. Lucas Industries Limited. Link and windscreen wiper mechanism including same. (December 10, 1980).

1403/Cal/81. Etablissements Somalor-Ferrari "Somafer" S.A. Composition and process for recovering and upgrading petroleum products.

1404/Cal/81. Cummins Engine Company, Inc. Bypass valve and alarm assembly.

COMPLETE SPECIFICATION ACCEPTED

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"The classifications given below in respect of each specification are according to Indian Classification and International Classification."

A limited number of printed copies of the specifications listed below will be available for sale from the Government of India Book Depot, 8, Kiran Sankar Roy Road, Calcutta, in due course. The price of each specification is Rs. 2/- (postage extra if sent out of India). Requisition for the supply of the printed specifications should be accompanied by the number of the specifications as shown in the following list.

Typed or photo copies of the specifications together with photo copies of the drawings, if any, can be supplied by the Patent Office, Calcutta on payment of the prescribed copying charges which may be ascertained on application to that office.

CLASS 39L. 149523.
Int. Cl.-C01f 7/02.

PROCESS FOR PRODUCING COARSE ALUMINA.

Applicant : NIPPON LIGHT METAL COMPANY LIMITED, OF 3-5, 7-CHOME, GINZA, CHUO-KU, TOKYO, JAPAN.

Inventors : MIKIO KANEHARA, AKIO KAINUMA AND MITSUYOSHI FUJIIKE.

Application No. 190/Cal/78 filed February 20, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims.

A process for producing coarse alumina by hydrolyzing a pregnant liquor that consists of a concentrated sodium aluminate solution in the presence of aluminium hydroxide seed and calcining the precipitated aluminium hydroxide, the process comprising the steps of distributing the pregnant liquor to an agglomeration-growth line and a cementation-growth line, said agglomeration-growth line serving to add to the pregnant liquor distributed to the former line at a temperature of 65° to 80°C and in the amount of 20 to 70kg of the fine seed (such as herein described) per m³ of the pregnant liquor so as to agglomerate and grow the fine seed and subsequently adding the relatively coarse particles, such as herein described, obtained predominantly from the former line in the amount of 60 to 150kg per m³ of the pregnant liquor within a period from 5 to 30 hours from the initial addition of the fine seed so as to further hydrolyze the pregnant liquor, said cementation-growth line serving to add to the pregnant liquor distributed to the latter line at a temperature of 60° to 75°C the relatively coarse particles obtained from the former and latter lines in the amount of 100 to 300 kg per m³ of the pregnant liquor so as to hydrolyze the pregnant liquor, thereby separating coarse aluminium hydroxide from the latter line and washing and calcining the separated coarse aluminium hydroxide.

Comp. Specn. 17 Pages.

Drg. 2 Sheets.

CLASS 39L.

149524.

Int. Cl.-C01f 17/02.

PROCESS OF PRODUCING COARSE ALUMINIUM HYDROXIDE.

Applicant : NIPPON LIGHT METAL COMPANY LIMITED, OF 3-5, 7-CHOME, GINZA, CHUO-KU, TOKYO, JAPAN.

Inventors : MITSUYOSHI FUJIIKE, SHOJI TANAKA AND NORIAKI NAKAYAMA.

Application No. 191/Cal/78 filed February 20, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims. No drawings.

An improvement in Bayer process for producing coarse aluminium hydroxide comprising adding aluminium hydroxide seed to a concentrated solution of sodium aluminate so as to precipitate aluminium hydroxide from said solution, the improvement comprising adding sodium oxalate crystal prepared by any known method to said solution simultaneously with or prior to or after addition of the aluminium hydroxide seed.

Comp. Specn. 13 Pages.

Drgs. Nil.

CLASS 98-L.

149525.

Int. Cl.-F24j 3/02.

SOLAR WATER HEATER.

Applicant : SHELL OIL SOUTH AFRICA (PROPRIETARY) LIMITED, OF SHELL HOUSE, GREENMARKET SQUARE, CAPE TOWN, CAPE PROVINCE, REPUBLIC OF SOUTH AFRICA.

Inventor : BAREND JOHANNES DU PLOOY.

Application No. 242/Cal/78 filed March 7, 1978.

Convention date November 14, 1977/(185674/77) NEW ZEALAND.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A solar water heater which includes a base member, a heat conducting upper member adapted to absorb radiant heat and

removably attached to the base member in a liquid tight manner to define a chamber for liquid therebetween, an inlet and an outlet for filling and drawing liquid into and from the chamber, and an intermediate member of a heat insulative material dividing the chamber into upper and lower compartment, the intermediate member having passages therein providing communication between the upper and lower compartments.

Comp. Specn. 13 Pages.

Drg. 3 Sheets.

CLASS 127-I.

149526.

Int. Cl.-F16d 7/00.

A COUPLING DEVICE.

Applicant : DANA CORPORATION, OF 4500 DORR STREET, TOLEDO, OHIO, UNITED STATES OF AMERICA.

Inventor : MARVIN DAHREL JOHNS.

Application No. 289/Cal/78 filed March 17, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims.

A coupling device comprising a rotatable hub assembly, a rotatable disc assembly rotatable relative to said hub assembly, aligned pockets in said hub and disc assembly having spaced side walls, resilient means in said aligned pockets adapted to establish a yieldable drive connection between said hub and disc assembly, said resilient means comprising, a Belleville stack having end portions engaging said side walls in said aligned pockets, and guide means engaging said Belleville stack to retain the same in assembled relation within said aligned pockets.

Comp. Specn. 17 Pages.

Drg. 4 Sheets.

CLASS 174D.

149527.

Int. Cl.-F16f 9/00, F16k 47/00.

HYDRAULIC SHOCK ABSORBER OF THE DIRECT DOUBLE-ACTING TYPE.

Applicant : MAREMONT CORPORATION, OF 200 EAST RANDOLPH DRIVE, CHICAGO, STATE OF ILLINOIS, UNITED STATES OF AMERICA

Inventors : SRINATH NANDYAL AND SELLERS BRINGS MCNALLY.

Application No. 255/Del/78 filed April 7, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

8 Claims.

A hydraulic shock absorber of the direct double-acting type including a cylindrical wall damping chamber for receiving damping fluid, a piston dividing said chamber into a first movement in said chamber, means carried by said piston for controlling flow of damping fluid between said first chamber portion and said second chamber portion and said second chamber portion, a replenishing chamber for holding damping fluid, means for conducting damping fluid between said replenishing chamber and said second chamber portion, characterised by means for controlling flow of damping fluid through said conducting means in a first direction from said replenishing chamber to said second cylinder portion and a second direction from said second cylinder portion to said replenishing chamber, said flow controlling means comprising: a valve seat in said conducting means, a replenishing valve member moved to and from sealing engagement with said valve seat for controlling the flow of damping fluid through said conducting means in said first direction and preventing

the flow of damping fluid in said second direction, flow conducting means in said replenishing valve for allowing flow of damping fluid through said flow conducting means, a flat stemless compression valve carried by said replenishing valve moved to and from sealing engagement with said replenishing valve for controlling the flow of damping fluid in said second direction through said flow conducting means in said replenishing valve and preventing the flow of damping fluid in said first direction through said flow conducting means in said replenishing valve, means contacting the edges of said compression valve for axially positioning said compression valve over said flow conducting means during movement of said compression valve.

Comp. Specn. 17 Pages.

Drg. 3 Sheets.

CLASS 127-I.

149528.

Int. Cl.-F16h 35/00, 35/10.

TORQUE LIMITING DRIVE SHAFT ASSEMBLY.

Applicant : WEAN UNITED INC., PENNSYLVANIA, U.S.A.

Inventor : PAUL W. MILLER.

Application No. 661/Cal/78 filed June 14, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 Claims.

A torque limiting drive shaft assembly comprising: an outer driven member being connected to either a rotatable torque generating means or means subjected to a load in performing work; an inner driven member having a portion that is received in the outer driven member in a manner to drive or be driven by said outer member, said inner driven member being connected to either one or the other of said torque generating means or said working means that said outer member is not connected to; an opening in said inner driven member extending at least into the axial central portion of said shaft assembly and constructed to receive a medium in a manner to pressurize and seal said medium; a given portion of said inner driven member being constructed so that it is controllably expandable by said pressure medium; and contacting frictional surfaces arranged on said inner and outer members in said given portion of said shaft assembly in a manner to transfer rotatable torque between said members and to allow relative rotation between said members on the experience of a given load by said working means.

Comp. Specn. 16 Pages.

Drg. 1 Sheet.

CLASS 195B.

149529.

Int. Cl.-F16k 17/02.

IMPROVEMENTS IN OR RELATING TO RELIEF VALVES.

Applicant : DEVELOPMENT CONSULTANTS PRIVATE LIMITED, OF 24-B, PARK STREET, P.O. PARK STREET, CALCUTTA-700 016, STATE OF WEST BENGAL, INDIA.

Inventors : DWIJENDRA LAL NATH AND PRANAB KUMAR DAS.

Application No. 1089/Cal/78 filed October 5, 1978.

Complete specification left October 3, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 Claims.

An improved relief valve for relieving gaseous pressure and vacuum from a large container, characterised in that the said relief valve in combination, has for its essential parts—

(i) a body capable of being mounted on an opening in a large container from which pressure relief and vacuum relief are intended, and in which body are provided various components of the valve;

(ii) a pressure relief lid hinged with the body and seated on the said body, and capable of swinging movement within the said body, for relieving the pressure in the container;

(iii) a seal ring for the pressure relief lid, placed in-between the body and the said pressure relief lid, for providing a gas tight contact between them;

(iv) a plurality of weights placed on the pressure relief lid for resisting against the pressure inside the container, for the said pressure relief lid to remain in a gas-tight contact with the seal ring (that is to say, in the normal position) when the pressure inside the said container is below a predetermined value, but allow the said pressure relief lid to swing open when and only when the pressure inside the container is above the said predetermined value;

(v) a lid stop hinged with the pressure relief lid, for limiting the swing of the pressure relief lid to a predetermined extent;

(vi) a vacuum relief lid hinged below the pressure relief lid and seated thereon, and capable of swinging movement within the body, for relieving the vacuum inside the container;

(vii) a seal ring for the vacuum relief lid, placed in-between the pressure relief lid and the said vacuum relief lid, for providing a gas-tight contact between them; and

(viii) a spring pivotally mounted on the pressure relief lid and connected to the vacuum relief lid, for assisting the said vacuum relief lid to remain in a gas-tight contact with the seal ring of the vacuum relief lid (that is to say, in the normal position) against the vacuum inside the container, when the said vacuum inside the container is below a predetermined value, but allow the said vacuum relief lid to swing open, when and only when the vacuum in the said container goes above the said predetermined value.

Comp. Specn. 17 Pages.

Drg. 1 Sheet.

CLASS 139A.

149530.

Int. Cl.-C09c 1/48.

METHOD AND APPARATUS FOR PRODUCING CARBON BLACK.

Applicant: PHILLIPS PETROLEUM COMPANY, OF BARTLESVILLE, STATE OF OKLAHOMA, UNITED STATES OF AMERICA.

Inventor: OLIVER KENNETH AUSTIN.

Application No. 1125/Cal/78 filed October 17, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

32 Claims.

A method of producing carbon black which comprises introducing a combustible fuel into a combustion zone at least partially defined by refractory; introducing an oxygen-containing gas into said combustion zone, combusting said fuel and said oxygen-containing gas in said combustion zone to thereby produce hot combustion gases; introducing the thus produced hot combustion gases into a reaction zone in a generally tangential manner with respect to the reaction zone; and contacting in the reaction zone a carbonaceous feed with said hot combustion gases so as to decompose the feed to form carbon black contained in a smoke, and separating the thus produced smoke into carbon black and off-gas, the oxygen-containing gas being used in a quantity greater than stoichiometric oxygen required for combustion of the combustible fuel, and which includes introducing a quench fluid into said combustion zone in a quantity sufficient and in a manner to prevent said hot combustion gases from heating said refractory to a refractory

damaging temperature, said quench fluid containing combustible material to form additional hot combustion gases.

Comp. Specn. 20 Pages.

Drg. 2 Sheets.

CLASS 55E.

149531.

Int. Cl.-A61k 27/00.

A METHOD OF PREPARING A PHARMACEUTICAL COMPOSITION EFFECTIVE IN THE TREATMENT OF MIGRAINE.

Applicant: GAVIA A.G., OF VADUZ, LIECHTENSTEIN.

Inventor: HENRY WILD.

Application No. 1227/Cal/78 filed November 13, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims. No drawings.

A method of preparing a pharmaceutical composition effective in the treatment of migraine which comprises mixing (a) a 1-p-chlorobenzhydryl-4-alkylbenzyl piperazine wherein alkyl is having 1 to 5 carbon atoms or a pharmaceutically acceptable salt thereof with (b) an analgesic which is selected from the group N-acetyl-p-aminophenol, p-ethoxy-acetanilide, salicylamide or acetylsalicylic acid in the weight ratio of compound (a) to compound (b) of 1 : 20 to 1 : 200.

Comp. Specn. 16 Pages.

Drgs. Nil.

CLASS 17D.

149532.

Int. Cl.-C08b 25/02.

METHOD OF PREPARING STARCH-CONTAINING MATERIAL FOR PRODUCTION OF ALCOHOL.

Applicant: VSESOJUZNY NAUCHNO-ISSLEDOVATESKY INSTITUT PRODUKTOV BROZHENIA, OF ULITS SAMOKAINAYA, 46, MOSCOW, USSR.

Inventors: TATYANA IVANOVNA PROSVETOVA, ELIZAVETA ALEXEEVNA DVADTSATOVA, VIKTOR LVOVICH YAROVENKO, NINA YAKOVLEVNA VASILIEVA, BORIS MARKOVICH NAKHMANOVICH, BORIS ALEXEEVICH USTINNIKOV, VITALY FEDOTOVICH SHAMRIN, SERGEI IVANOVICH KARACHEV, SVETLANA VSEVOLODOVNA PYKHOVA, ANNA NIKOLAEVNA LAZAREVA, LARISA ILLARIONOVNA VORONOVA, LJUDMILA DMITRIJEVNA VOLKOVA, PAVEL AVTONOMOVICH BELOZEROV AND MARIA TIMOFEEVNA POLUYANOVA.

Application No. 89/Cal/79 filed January 27, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims—No drawings.

A method of preparing starch-containing raw material for the production of alcohol, consisting in that a preliminarily cooked and cooled starch-containing raw material is saccharified at a temperature of 55-60°C with a culture producing alpha-amylase, the strain *Bacillus mesentericus* PB SP VNIIPrB N TsMPM V-1559, selected from the strain *Bacillus mesentericus* PB by serial cultivation on a nutrient medium comprising sources of nitrogen, carbon and phosphorus, together with the culture producing glucoamylase, the strain of yeast *Endomycopsis fibuligera* (Lindner) Dekker-21, said cultures being taken in a quantity of 10-1.5 units of AA and 8-6 units of GA per gram of starch.

Comp. Specn. 12 Pages.

Drgs. Nil.

CLASS 29D & 67C.

149533.

Int. Cl.-G06c 13/00.

DEVICE FOR AUTOMATIC MODIFICATION OF ROM CONTENTS BY A SYSTEM SELECTED VARIABLE.

Applicant: BURROUGHS CORPORATION, AT BURROUGHS PLACE, DETROIT, MICHIGAN 48232, UNITED STATES OF AMERICA.

Inventor : DANIEL P. DROGICHEN.

Application No. 472/Cal/79 filed May 7, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

An external memory device for processing data to be transmitted to a using device, comprising : an addressable a memory having an output and containing addressable storage locations; a base register, said base register including a read/write storage memory and means for writing a pattern of data in said read/write storage memory; gating means connected to the output of said base register and a first subset of the set of output bit positions of said addressable memory, said gating means responsive to selected data patterns from the first subset of said set of output bit positions of said addressable memory, said gating means for selectively gating the contents of said base register to the output of said gating means; an adder having two inputs and an output, the inputs to said adder connected to a second subset of the set of output bit positions of said addressable memory and the output of said gating means respectively, the output of said adder for supplying processed data to said using device; and output control means, responsive to the writing of data in said base register, said output control means for turning off the output of said adder.

Comp. Specn. 23 Pages.

Drg. 2 Sheets.

CLASS 32F¹ & Fb.

149534.

Int. Cl.-C07d 51/36.

PROCESS FOR THE PRODUCTION OF BENZYL-PYRIMIDINES.

Applicant : BASF AKTIENGESellschaft, AT 6700 LUDWIGSHAFEN, FEDERAL REPUBLIC OF GERMANY.

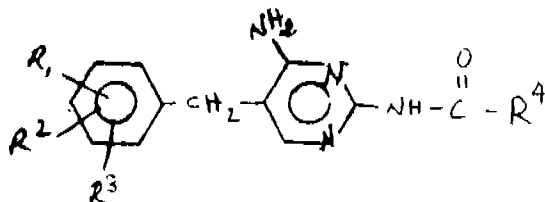
Inventors : PETER SCHARWAECHTER, KLAUS GUTSCHE AND RIEDRICH-WILHELM KOHLMANN.

Application No. 203/Cal/78 filed February 23, 1978.

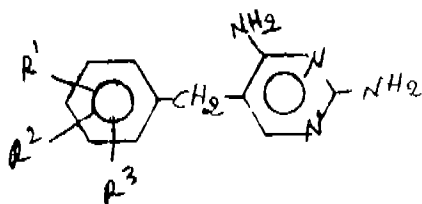
Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims.

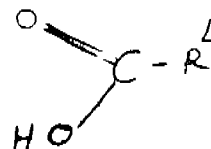
A process for the production of benzylpyrimidines of the general formula I shown in the accompanying drawings wherein R¹, R² and R³ are identical or different and each denotes hydrogen, methyl, methoxy or chlorine and R⁴ denotes hydrogen, carbalkoxy of 1 to 4 carbon atoms in the alkyl-radical, alkyl or alkenyl of 1 to 11 carbon atoms, which may be substituted by carboxy, carbalkoxy of 1 to 4 carbon atoms in the alkyl radical, alkoxy of 1 to 4 carbon atoms in the alkyl radical, nitrile, amino, chlorine, phenoxy which may be substituted in the phenyl radical by one or more halogen atoms, methyl groups or methoxy groups, or by a cycloaliphatic radical of 5 or 6 carbon atoms in the ring and may be interrupted by one or more oxygen atoms, or an aromatic or araliphatic radical of 6 to 10 carbon atoms which may be mono- to trisubstituted in the aromatic ring by halogen atoms, methyl groups or methoxy groups or substituted by a carboxy group



Formula I



Formula II



Formula III

or carbalkoxy group of 1 to 4 carbon atoms in the alkyl, or a 5- or 6-membered heterocyclic aromatic ring which contains one or more nitrogen, oxygen and/or sulfur atoms and may be substituted by methyl, or a mono- or polycyclic cycloaliphatic ring of 3 to 10 carbon atoms which may be substituted by carboxy and may contain a double bond, wherein a compound of the general formula II shown in the drawings where R¹, R² and R³ have the above meanings, is reacted with a carboxylic acid derivative, conventionally used for the production of acid amides, of the general formula III shown in the drawings wherein R⁴ has the above meaning, advantageously in a solvent and at from 20 to 200°C and optionally, in the presence of an acid-binding agent, such as herein described and, in the event that 2, 4-diamides are formed, these 2, 4-diamides are partially hydrolyzed in a manner such as herein described to the compounds (= monoamides) of the general formula I.

Comp. Specn. 17 Pages.

Drgs. Nil.

CLASS 116G.

149535.

Int. Cl.-B65g 53/00.

FLUIDIZED SOLIDS TRANSFER PIPE SYSTEM.

Applicant : DORR-OLIVER INCORPORATED, OF 77 HAVEMEYER LANE STAMFORD, CONNECTICUT, UNITED STATES OF AMERICA.

Inventors : WALFRED WILHELM JUKKOLA, AND GIORGIO TOMASICCHIO.

Application No. 375/Del/78 filed May 17, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Delhi Branch.

8 Claims.

A transfer pipe system for moving particulate bed material from the primary reaction chamber of a relatively low pressure fluid bed unit at a first elevation to a relatively high pressure secondary reaction chamber at a lower elevation, comprising an inclined discharge pipe extending downwardly from the fluidized bed region of said primary reaction chamber, a substantially vertical transfer pipe connected to said discharge pipe and having gravity feed connection to said secondary reaction chamber, gas injection means spaced along said vertical transfer pipe to introduce fluidizing gas into said transfer pipe, so that a substantial quantity of the particulate material therein is maintained in a fluidized state, valve control means positioned in said transfer pipe system to control the flow of particulate material under the influence of gravity from said vertical transfer pipe into said gravity feed connection for delivery to said secondary reaction chamber; a vertical stand pipe extending upwardly from the junction of said discharge pipe with said vertical transfer pipe to an elevation above the bed level in said fluid bed unit and a vent pipe connecting said standpipe with the freeboard region of said primary reaction chamber thereby routing most of the fluidizing gas provided to said transfer pipe system directly to said freeboard region rather than through said discharge pipe so that flow of particulate material through said discharge pipe is not impeded by gas flow from said vertical transfer pipe.

Comp. Specn. 12 Pages.

Drg. 1 Sheet.

CLASS—32E.

149536.

Int. Cl.-C08f 19/00 + 47/08.

"A PROCESS FOR THE PREPARATION OF A TERPOLYMER IN THE FORM OF BEADS OR PEARLS HAVING A POROUS STRUCTURE".

Applicant : ION EXCHANGE (INDIA) LIMITED., TIECICON HOUSE, DR. E. MOSES ROAD, BOMBAY-400 011, MAHARASHTRA, INDIA.

Inventors : (1) DR. VIJAY SHRIPAD KAMAT, (2) SUNDERAVARDAN CHANDAR.

Application No. 348/Bom/78 filed December 6, 1978.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972), Patent office, Bombay Branch.

17 Claims.

A process for the preparation of a terpolymer in the form of beads or pearls having a porous structure, which comprises polymerising at a temperature from 40°C to 90°C a mixture of three monomers composed of a monoethylenically unsaturated monomer of the kind such as herein described, a polyethylenically unsaturated monomer of the kind such as herein described and a third monomer of the kind such as herein described in the presence of a conventional polymerisation catalyst and a non-solvating diluent of the kind such as herein described and separating from the reaction mixture the terpolymer thus obtained in the form of porous beads or pearls.

Complete Specification 10 Pages.

Drawing—Nil.

CLASS—133A.

149537.

Int. Cl.-G05f 5/00, G05g 15/00.

"AN ELECTROMECHANICAL COUPLING SYSTEM FOR OPERATING A MECHANICAL DEVICE WITHIN PRESELECTED OPERATING PARAMETER OR CONTROL PARAMETER".

Applicant : DYNACRAFT MACHINE COMPANY LIMITED, C.D. BARFIWALA MARG, ANDHERI (WEST) P.O. BOX 7370, BOMBAY-400 058, MAHARASHTRA, INDIA.

Inventor : RASHID FUTEHALLY.

Application No. 352/Bom/78, filed December 12, 1978.

Complete Specification left. December 10, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules 1972) Patent office Bombay Branch.

14 Claims.

An electromechanical coupling system for operating a mechanical device within preselected operating parameter or control parameter, comprising : a sensor means operatively connectable to said mechanical device for sensing changes in a control parameter or an operating parameter thereof and generating control pulses proportional to the parameter sensed; an electronic control unit comprising a control pulse monitor unit the input whereof is connected to the output of the sensor means, and a bistable logic unit connected to the output of the monitor unit for producing enabling pulses or signals corresponding to the control pulses received thereat when the mechanical device operates within said preselected operating parameter or control parameter and suppressing said enabling pulses when the mechanical device operates at or beyond said operating parameter or control parameter; and coupler means operatively connectable between a drive unit and a driven unit of said mechanical device and responsive to said enabling pulses so as to couple or decouple said drive unit from said driven unit depending upon whether the enabling pulses are present or suppressed.

Provisional Specification 12 pages.

Drawing 2 sheets.

Complete Specification 24 pages.

Drawing 3 sheets.

CLASS 66-D4.

149538.

Int. Cl.-H01 r 33/00.

LOCKING DEVICE FOR LOCKING ELECTRIC BULB IN A HOLDER.

Applicant & Inventor : MRS. KAMLABAI NARAYAN RASHINKAR 498, SHANWAR PETH, MEHUNPURA, PUNE-411 030, MAHARASHTRA STATE, INDIA.

Application No. 46/Bom/79 filed February 15, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

3 Claims.

A locking device for locking electric bulb in a holder comprising a locking ring having internal threads to engage the external threads of said holder, one end of the said locking ring being flanged outwardly to form a circular cup shaped recess on its bottom side and accommodating a stopper ring, the said flange having plurality of small holes on its face, the said stopper ring being provided with a small hole on its face and a larger hole in centre equal in diameter to the external diameter of the said holder and said larger hole also having two projections opposite to each other on its inner periphery, the arrangement being such that when the said locking ring is fitted on the external threads of the said holder and the stopper ring is inserted over the cap of the bulb and the bulb is inserted and fitted in the said holder properly, the said stopper ring is pushed upward over the said holder in such a way that its two projections fit into the two slots of the said holder which in turn prevents the removal of the bulb and at the same time one of the small holes provided on the locking ring coincide with the small holes of the said stopper ring for locking with a lock.

Complete specification 5 pages.

Drawing 1 sheet.

CLASS 49H.

149539.

Int. Cl.-A47J 27/00.

IMPROVEMENTS IN OR RELATING TO PRESSURE COOKERS.

Applicant : PRESSURE COOKERS & APPLIANCES LTD., UNITED INDIA BUILDING, P.M. ROAD, BOMBAY-400 001, MAHARASHTRA, INDIA.

Inventors : HARI DUTT VASUDEVA.

Application No. 364/BOM/1978, filed December 20, 1978.

Comp. specification left January 24, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Bombay Branch.

8 Claims.

A pressure cooker of the type comprises principally a vessel with a handle secured thereto and cover or lid for sealingly fitting the same into the mouth or the opening at the top of the said vessel, a handle bar secured to the said cover, a safety valve having a vent tube fitted to the cover, characterized in that the means for securing the handle bar to the cover consists of a channel shaped head piece fixed to the top of the cover, openings in the said cover and the base of the head piece for the passage of the vent tube, the handle bar being fork-shaped at its end secured to the head piece, said fork-shaped end of the handle bar engaging the stem of the vent tube when slipped into the channel of the said head piece and means for detachably securing the forked end of the handle bar to the said head piece.

Complete specification 14 pages.

Drawing 2 sheets.

Prov. specification 9 pages.

Drawing 2 sheets.

CLASS 32C.

149540.

Int. Cl.-C07g 7/02.

A PROCESS FOR PRODUCING AN IMMOBILIZED GLUCOSE ISOMERASE.

Applicant : CPC INTERNATIONAL INC., INTERNATIONAL PLAZA, ENGLEWOOD CLIFFS, NEW JERSEY 07632, UNITED STATES OF AMERICA.

Inventor : SOICHIRO USHIRO.

Application No. 292/Cal/79 filed March 26, 1979.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims.

A method for the production of immobilized glucose isomerase comprising :

- (a) obtaining a crude glucose isomerase preparation by a conventional method;
- (b) purifying said crude glucose isomerase preparation, and then
- (c) contacting the resultant purified glucose isomerase preparation with a conventional adsorptive carrier to immobilize the glucose isomerase thereon;

characterized in that the purification of the crude glucose isomerase preparation is carried out so that the purified glucose isomerase is essentially free of high molecular weight; non-dialyzable polysaccharide which inhibits adsorption of the glucose isomerase on the adsorptive carrier.

Comp. Specn. 51 Pages.

Drg. 1 sheet.

CLASS 91.

149541.

Int. Cl.-G05d 13/50.

A PNEUMATIC THROTTLE RETARDER LINKAGE ASSEMBLY OF OVERSPEED LIMITING DEVICE MEANT FOR MOTOR VEHICLES.

Applicant : ASHOK LEYLAND LTD., ENNORE, MADRAS-600 057, TAMIL NADU.

Inventors : (1) SOUNDAPPA KRISHNA RAJU &
(2) VENKOBABAO BHASKAR.

Application No. 22/Mas/80 filed January 30, 1980.

Appropriate office for opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Madras Branch.

5 Claims.

A pneumatic throttle retarder linkage assembly of overspeed limiting device meant for motor vehicles, comprising a preloaded spring assembly and a push or pull type piston assembly having at least one link rod enclosed in at least one barrel with an air entry passage to move the piston assembly, the said pneumatic throttle retarder linkage assembly forms at least one of the throttle linkages of a vehicle, the arrangement being such that the said linkage assembly acts as a rigid link within the preset speed and for over the preset speed, retarding of throttle and isolating the effort on the accelerator pedal being obtained simultaneously on receipt of air into the barrel of the said piston assembly through the air entry passage which moves the piston compressing the preloaded spring further.

Comp. 5 Pages.

Drawings 5 sheets.

PATENTS SEALED

140024 140740 147829 148102 148127 148208 148234 148346
148440 148450 148472 148523 148559 148605 148625 148628
148630 148635 148636 148638 148639 148641 148643 148646
148647 148673 148676 148679

(1)

AMENDMENT PROCEEDINGS UNDER SECTION 57

The amendments proposed by Ralph Reeves-Saunders, in respect of patent application No. 143778 as advertised in Part III, Section 2 of the Gazette of India dated the 23rd February, 1980 have been allowed.

(2)

The amendment proposed by Cassella Aktiengesellschaft, formerly known as Cassella Farbwerke Mainkur Aktiengesellschaft, of 526, Hanauer Landstrasse 6 Frankfurt (Main)—Fechenheim, West Germany, a body Corporate organised

under the laws of West Germany in respect of application for patent No. 146950 as advertised in Part III, Section 2 of the Gazette of India dated the 7th March, 1981 have been allowed.

(3)

Notice is hereby given that Leon C. Parks, a U.S. citizen, 1001-C Pleasant Oaks Road, Baltimore, State of Maryland, United States of America have made an application under section 57 of the patents Act, 1970 for amendment of application and specification of their application for patent No. 148115 "Apparatus for effecting Hyperthermic Treatment." The amendments are by changing address of the applicants from 1001-C Pleasant Oaks Road, Baltimore, State of Maryland, United States of America, to 317 Swallow Drive, Brandon, Mississippi 39042, U.S.A. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17 or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on the prescribed form 30 within three months from date of this notification, at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition it shall be left within one month from the date of filing the said notice.

(4)

The amendment proposed by Boris Georgievich Arabei, of ulitsa 15 Parkovaya, 42, Korpus 5. kv. 57, Moscow, USSR and others, in respect of patent application No. 148250 as advertised in Part III, Section 2 of the Gazette of India dated the 25th July, 1981 has been allowed.

(5)

Notice is hereby given that Ugine Aciers, of 10 rue du General Foy, 75361 Paris Cedex 08, France, a Franco Company have made an application under Section 57 of the Patents Act, 1970 for amendment of application Form of their Patent application No. 148704 for "A process for the preparation of free machining Steel." The amendments are by way of changing the address for service. The application for amendment and the proposed amendments can be inspected free of charge at the Patent Office, 214, Acharya Jagadish Bose Road, Calcutta-17, on any working day during the usual office hours or copies of the same can be had on payment of the usual copying charges. Any person interested in opposing the application for amendment may file a notice of opposition on prescribed form 30 within three months from the date of this notification at the Patent Office, Calcutta. If the written statement of opposition is not filed with the notice of opposition, it shall be left within one month from the date of filing the said notice.

RENEWAL FEE PAID

109516 113482 113557 113846 118870 118917 118935 119022
118129 119382 119807 120059 120343 120698 121768 124376
124373 124408 124545 124585 124588 124689 124723 124948
125038 125075 125209 125785 125865 127437 129375 129376
129769 129870 129926 129932 129936 129961 130042 130085
130096 130116 130175 130518 131081 131773 133862 133955
133967 134099 134101 134393 134515 134880 135352 135454
136100 136480 136650 136803 136807 136995 136998 137264
137310 137439 137950 138202 139529 139556 139594 140234
140253 140276 140741 140813 140867 140986 140987 141014
141027 141031 141213 141339 141346 141372 141689 142080
142147 142166 142451 142537 142600 142788 142814 143002
143032 143090 143212 143218 143256 143417 143586 143791
143989 144272 144524 144632 144835 145464 145687 146197
146386 146427 146510 146554 146668 146670 147406 147407
147430 147708 147715 147748 147810 148083 148142 148418

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in each entry is the date of registration of the design included in the entry.

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The date shown in the each entry is the date of registration of the design included in the entry.

Class 3. No. 150737. Kirloskar Brothers Limited, an Indian Company of Udyog Bhavan, Tilak Road, Pune-411002, Maharashtra. "Flap Valve" May 7, 1981.

Class 3. No. 150738. Kirloskar Brothers Limited, an Indian Company of Udyog Bhavan, Tilak Road, Pune-411002, Maharashtra. "Seat for Flap Valve" May 7, 1981.

Class 3. No. 150739. Kirloskar Brothers Limited, an Indian Company of Udyog Bhavan, Tilak Road, Pune-

411002, Maharashtra "Flap Valve" May 7, 1981.

Class 3. No. 150741. Kirloskar Brother Limited, an Indian Company of Udyog Bhavan, Tilak Road, Pune-411002, Maharashtra. "Seat for Flap Valve". May 7, 1981.

Class 3. No. 150822. Astra Pharmaceutical Pvt. Ltd., Post Box No. 7. Kot Kapura, Punjab, "Container for Enema". May 28, 1981.

Class 3. No. 150968. Elegant Plastics Commercial Manor of 68/10, Clive Road, Dana Bunder, Bombay-400009, Maharashtra, an Indian Partnership Firm. "Photoframe with no ending Calender". July 7, 1981.

CANCELLATION OF THE REGISTRATION OF DESIGN UNDER SECTION 51A OF THE DESIGNS ACT, 1911 BY HIGH COURT

Registration of Design No. 145258 has been cancelled by order of Hon'ble Mr. Justice G. C. Jain dated the 14th August, 1981 of Delhi High Court in Suit C.O. No. 8 of 1977, M/s. Domestic Appliances Vs. M/s. Globe Supper Parts.

S. VEDARAMAN

Controller General of Patents, Designs and Trade Marks